



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Dave Snider, P.E., Interim Capital Projects Manager
Ray Steiger, P.E., Public Works Director

Date: June 9, 2011

Subject: 2011 STREET PRESERVATION PROGRAM (PHASE I OVERLAY PROJECT)
AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award the contract for construction of all Schedules A through J, on the Phase I Overlay Project, for the Annual Street Preservation Program, to Lakeside Industries Company of Issaquah, Washington, in the amount of \$2,083,198.85.

BACKGROUND DISCUSSION:

The Overlay Project is Phase I of the 2011 Annual Street Preservation Program for the maintenance and rehabilitation of the City's street network. The Project includes subgrade preparation and repair, asphalt grinding, and application of a new surface layer of asphalt applied to selected streets. This year's Project includes nine schedules of work resulting in the resurfacing of approximately 11 lane miles of City roadway (Attachment A). The Project also includes installation of new curb ramps, as required by the Americans with Disabilities Act, and provides for the replacement of adjacent broken concrete curb and sidewalk panels. Phase II of the Annual Street Preservation Program is the Slurry Seal Project, and a separate award memo for that project is scheduled to be included on the July 19th City Council meeting agenda.

The Annual Street Preservation Program is included in the Capital Improvement Program (CIP) with a yearly budget of \$2,500,000. When the 2011 – 2016 CIP was approved by City Council, it was anticipated that \$375,000 of the total annual budget would be available through the creation of a Transportation Benefit District (TBD). As per City Council's recommendation in the fall of 2010, implementation of the TBD was tabled, and the anticipated funding has been removed from the 2011 Program budget. However, in October, 2010, City Council approved a new Solid Waste Utility rate that includes a contribution of \$300,000 to the Street Preservation Program to account for pavement damage caused by garbage and recycle collection trucks on City streets. The impact of these two funding modifications establishes the Project's base budget at \$2,425,000.

For 2011, the City received a mitigation payment from Northshore Utilities District (NUD) in the amount of \$126,537 for overlay work it was required to perform as a result of water system upgrades along a portion of 98th Avenue NE, north of NE 116th Street in the Juanita Neighborhood. Because the utility work that was performed by NUD was completed after the 2010 paving season, and to allow the City to provide a higher level of quality control on the repaving of 98th Avenue NE, NUD provided funding to the City for the repaving component of their watermain project. In addition, Puget Sound Energy (PSE) has provided a mitigation payment of \$29,500 for asphalt pavement repair associated with work they were required to perform as a result of upgrades to their natural gas distribution system along a short section of Lake Washington Blvd.

The addition of these two external contributions to the base budget and Council approved carry-overs from the 2009 and 2010 Street Preservation Programs brings the 2011 Program budget to \$2,689,037 (Attachment B).

With an engineer's estimate of \$2,221,000, based on current overlay pricing information received from Redmond, Bellevue, and the Washington State Department of Transportation, the first advertisement for the Project was published on May 19th, with bids opened on June 3, 2011; two bids were received with Lakeside Industries being the lowest responsive bidder, as shown below:

Contractor	Total of All Schedules
Lakeside Industries	\$2,083,198.85
<i>Engineer's Estimate</i>	<i>\$2,221,165.80</i>
Watson Asphalt	\$2,384,914.23

A comparison of the unit prices shows that in 2011 the average cost of asphalt has increased to \$75/ton from \$74/ton in 2010 (Attachment C). With an award of the construction contract by City Council at their June 21st meeting, Project will begin in July with substantial completion expected by the end of October, 2011.

In advance of the construction, Public Works staff will notify adjacent property owners with an informational mailing describing the Annual Street Preservation Program. This information, along with a regularly updated construction schedule, will also be posted on the City's web site. Construction notice signs will be installed in advance of the overlay on higher volume streets and portable construction notice signs will be placed on residential streets a few days prior to construction. Supplemental notices will also be distributed to all adjacent homes and businesses at least 24 hours prior to construction. Since the Project also includes a significant amount of sidewalk and ramp reconstruction, staff will ensure the contractor maintains safe travel for pedestrians throughout the work areas at all times.

Attachments: (3)

Street Preservation Project - 2011 Overlay Plan



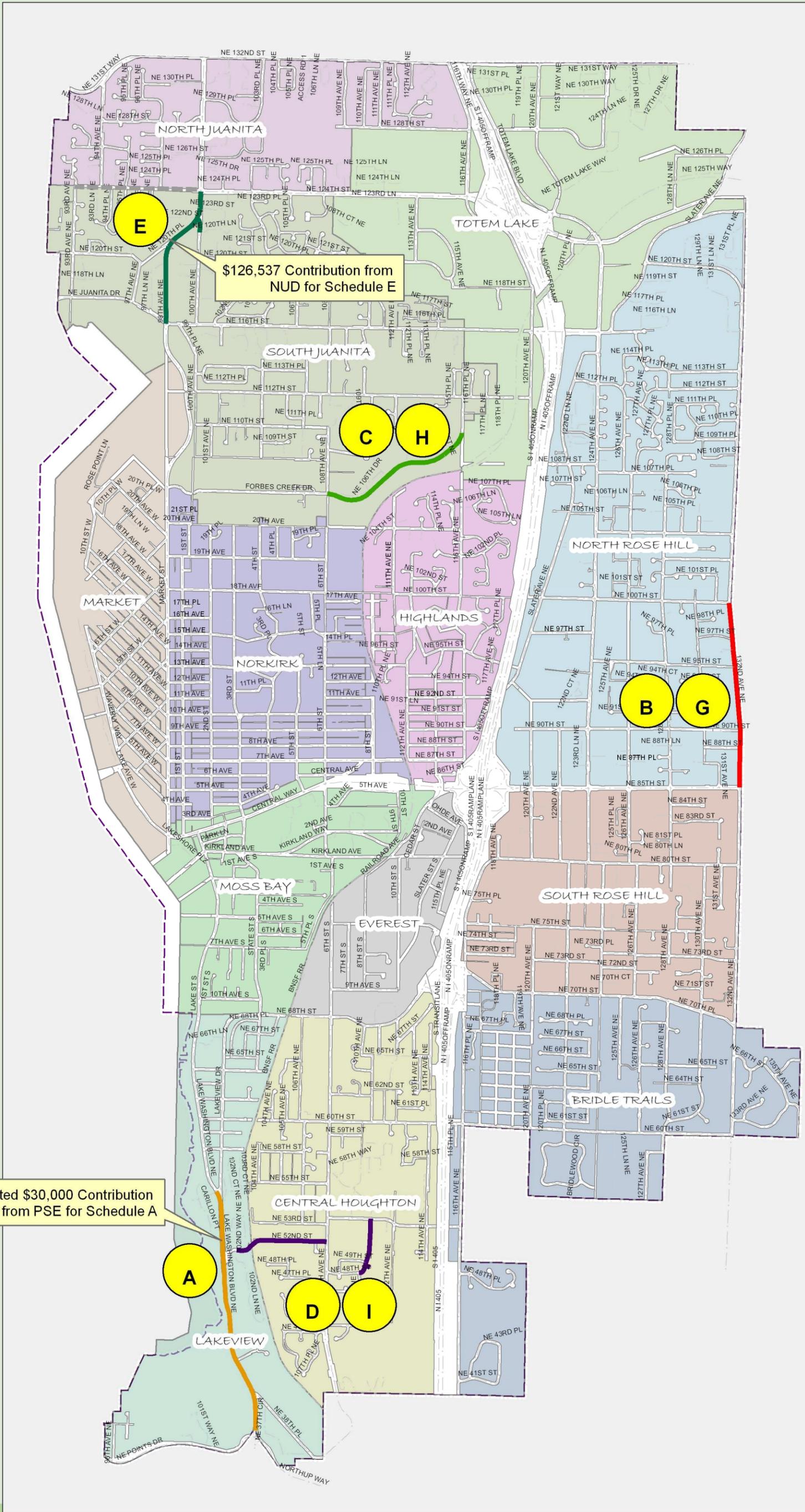
Vicinity Map



Note: This map does not include streets to be treated with other preventative maintenance techniques (i.e. Slurry Seal, Crack Seal, etc.).

Map Legend	
Preliminary 2011 Overlay Candidates	
	Schedule A
	Schedule B
	Schedule C
	Schedule D
	Schedule E
Neighborhoods	
	Bridle Trails
	Central Houghton
	Everest
	Highlands
	Lakeview
	Market
	Moss Bay
	Norkirk
	North Juanita
	North Rose Hill
	South Juanita
	South Rose Hill
	Totem Lake

- G** Schedules G, H and I consist of pavement repair on 132nd Ave NE, Forbes Creek Drive, Ne 52nd Street, 111th Ave NE and NE 48th Place.
- H**
- I**



Estimated \$30,000 Contribution from PSE for Schedule A



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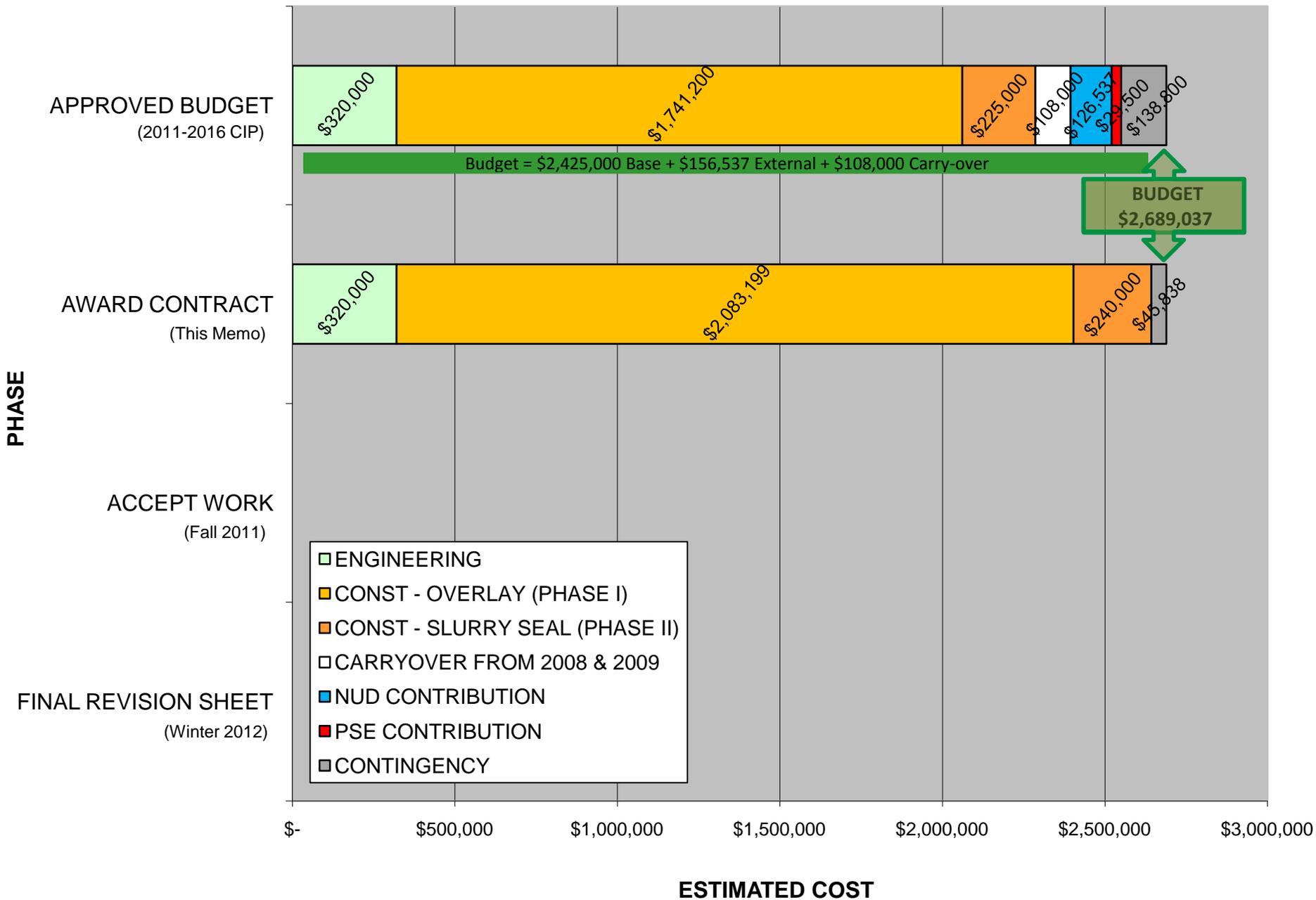


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2011 STREET OVERLAY PROJECT (ST-1006)

Attachment B

Project Budget Report



Kirkland Annual Overlay Program Cost Comparison

ATTACHMENT C

